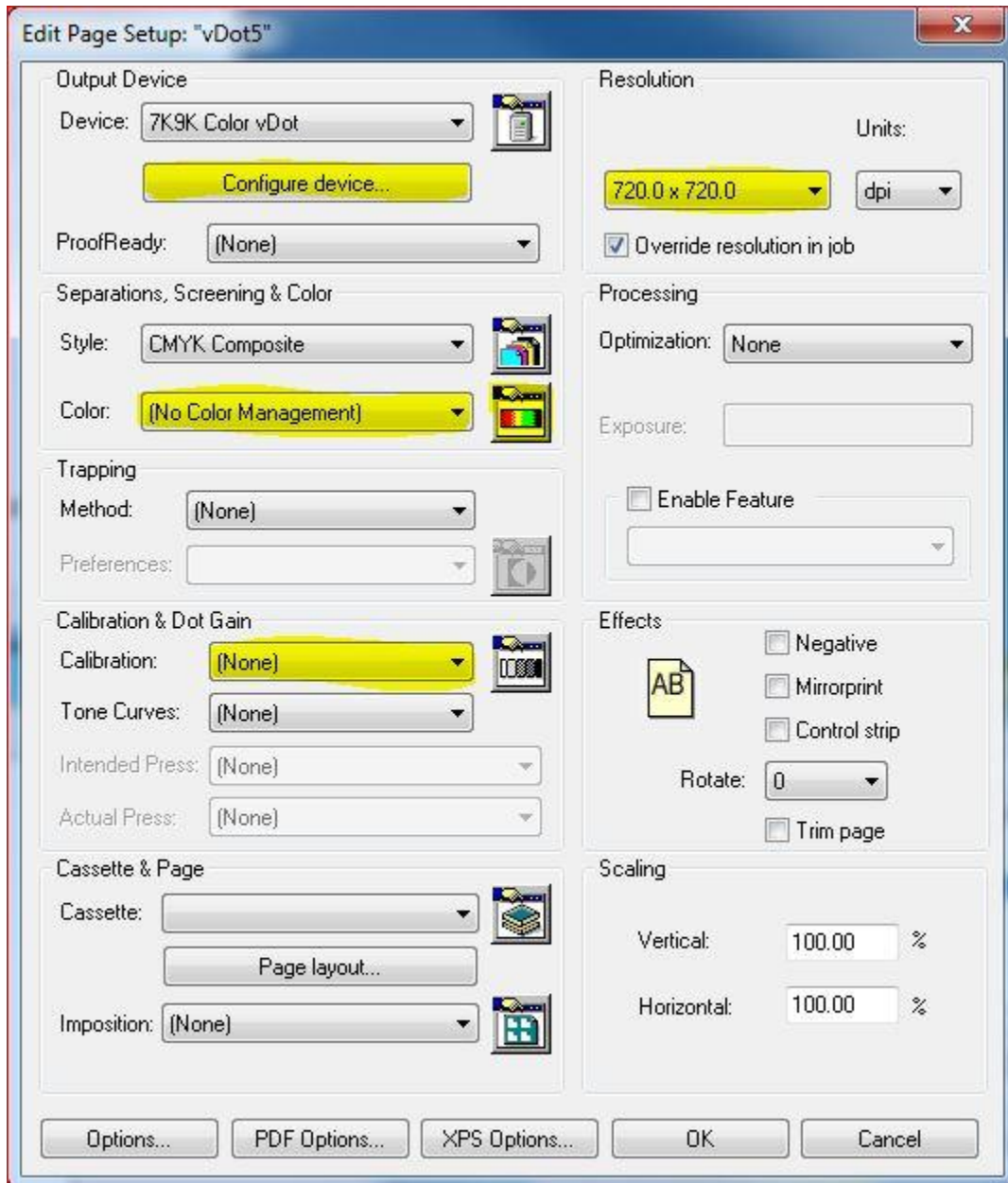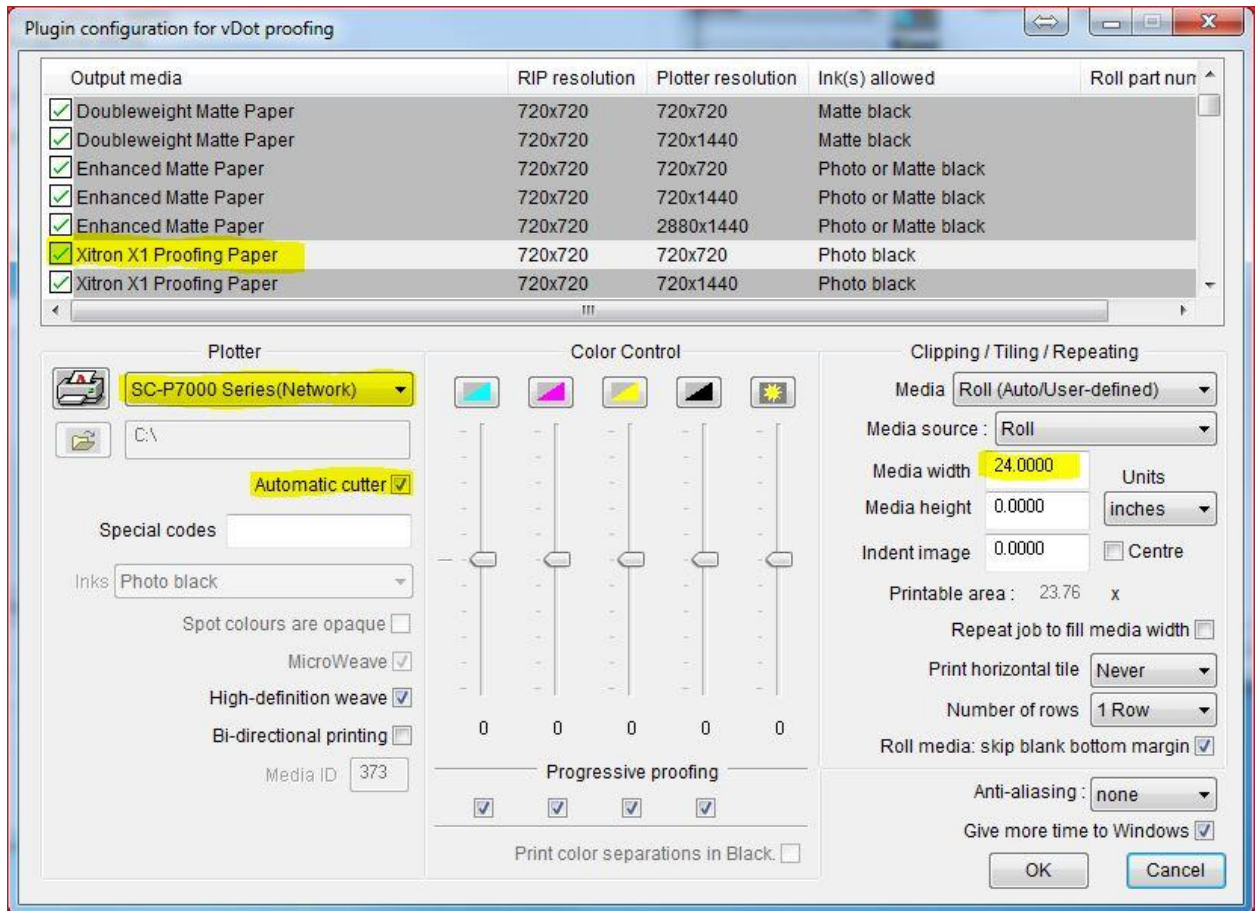March 16, 2017.

Xitron.

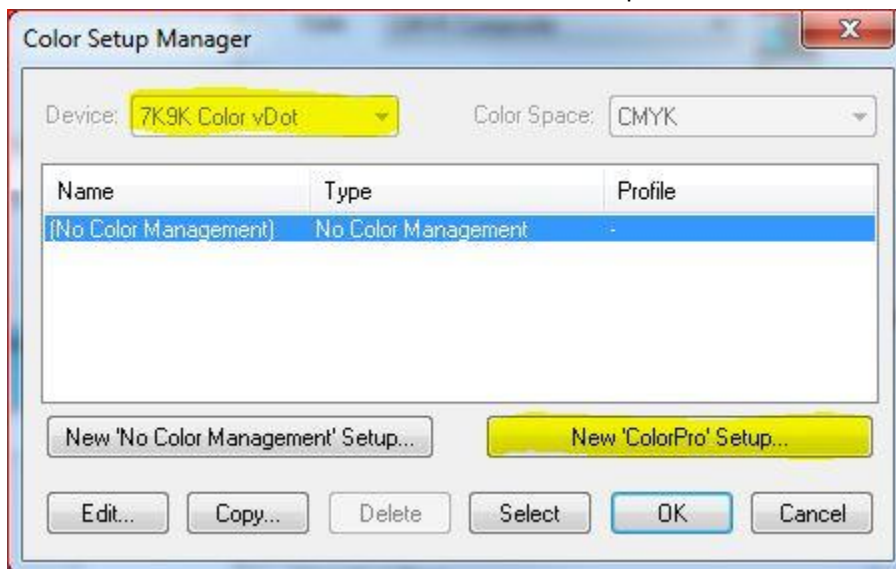Proper ColorPro Settings for Epson vDot 5:

1. Open the Navigator RIP and create a Page Setup as follows.

2. In the Configure Device button, select the Stock, Plotter, Automatic Cutter, and Media Width.

3. Now click on the Icon next to Color (Separations, Screening & Color), to create a new ColorPro. Select the Device and then click New 'ColorPro' Setup…

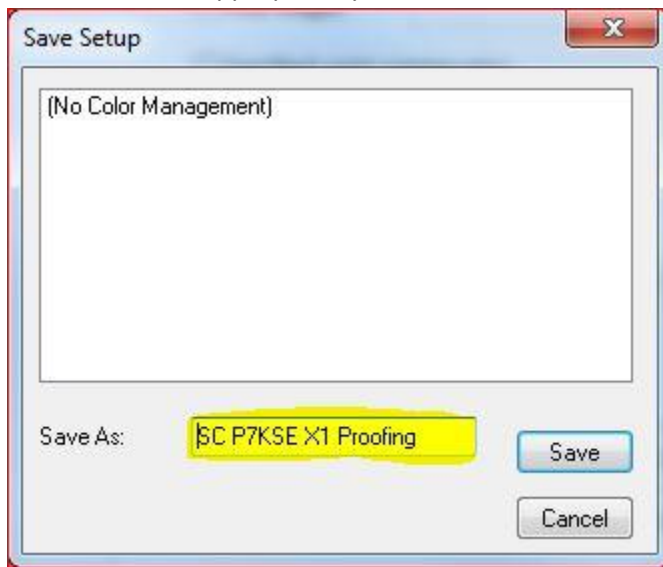4. Configure as below.

New Color Setup: "ColorPro"

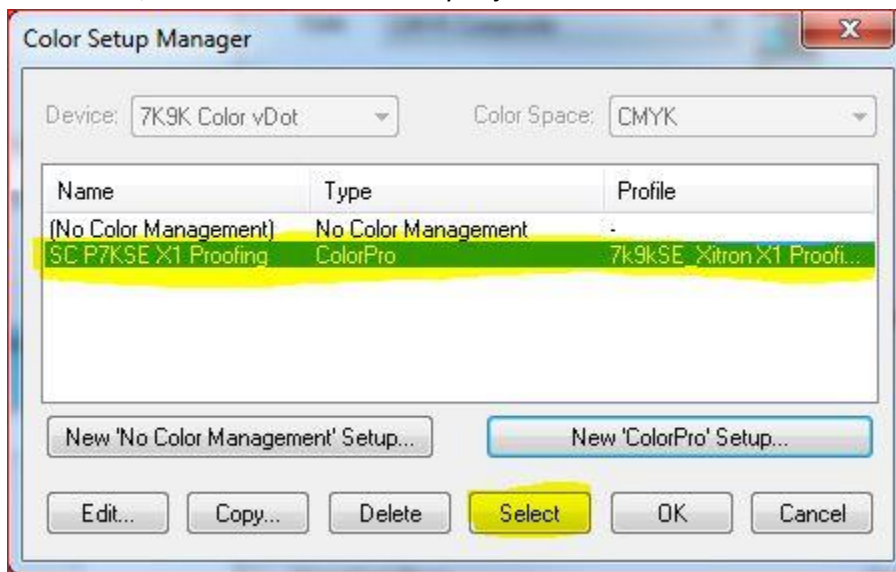**Input Profiles**

CMYK data: GRACol (CGATS TR006)

RGB data: sRGB

☑ Color manage gray as CMYK

Gray data: (None)

☐ Treat spot colors as CMYK

Input Document Controls

☑ Override color management in job

☐ Simulate paper color of job

☐ Preserve 100% process black

☐ Override overprint mode in job

☑ Overprint process colors

☐ Drop white objects

☐ Overprint grays

☑ Overprint gray images

☐ Overprint 100% black

☑ Overprint preview

Input Separation Detection Angles in Job

☐ Detect input separations by screen angle

Cyan   Magenta   Yellow   Black

Output Profile

7k9kSE_Xitron X1 Proofing_720.icm   Info...

Output Emulation

(None)   Info...

Output Rendering Intents

Main intent: (->ICC colorimetric)

☐ CMYK images:

☐ RGB images:

☐ Use black point compensation

Output Controls for RGB

Black generation: None

☐ Override black generation in job

Max ink: 300 %   Max black: 100 %

☐ Convert RGB black to true black

Output Controls

Lighting: Graphic Arts D50
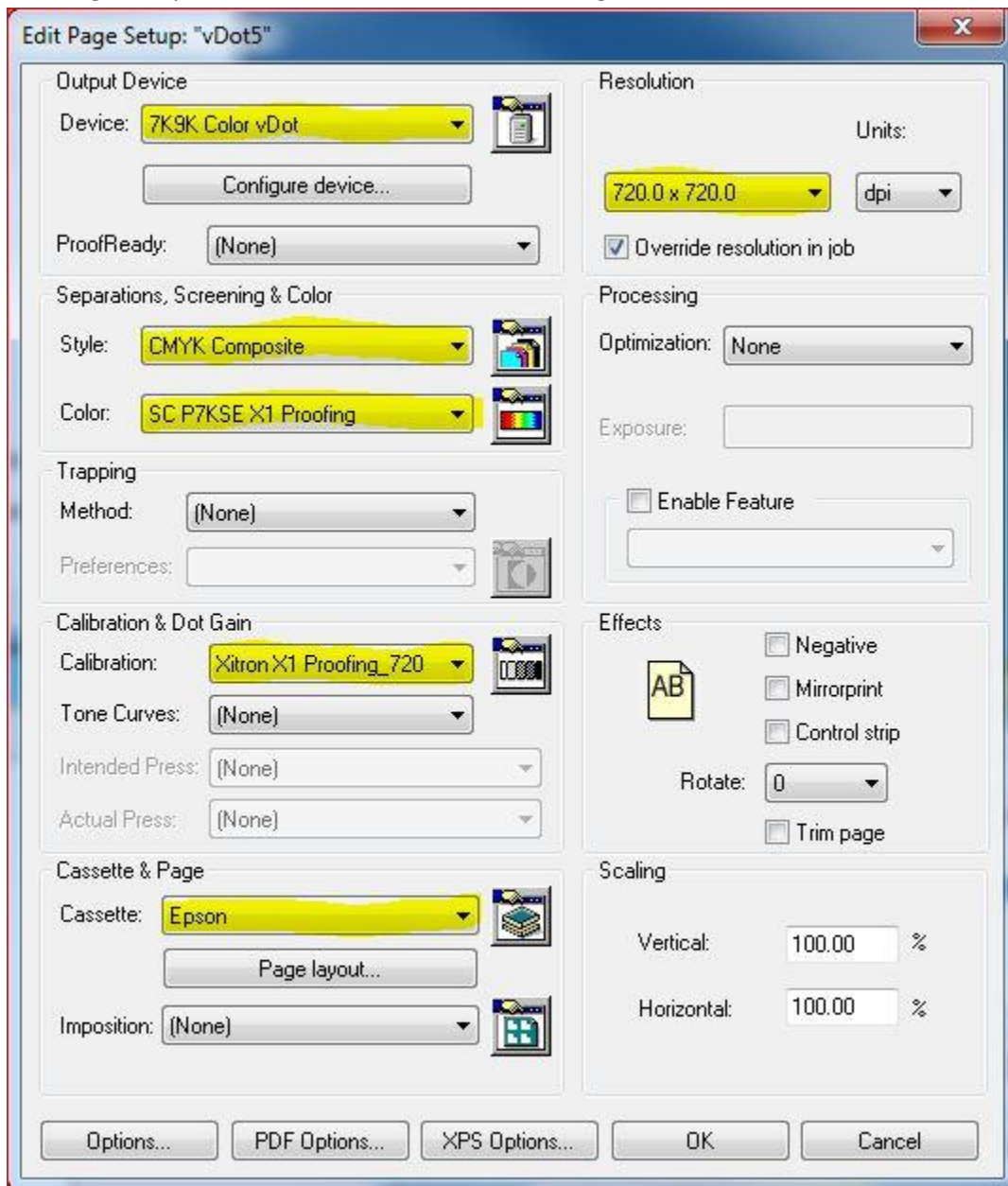
Color adjustments: Accurate

Save As...   Cancel

5. Save as… Name appropriately.

6. Once saved, select the ColorPro that you just created and click on the Select button.
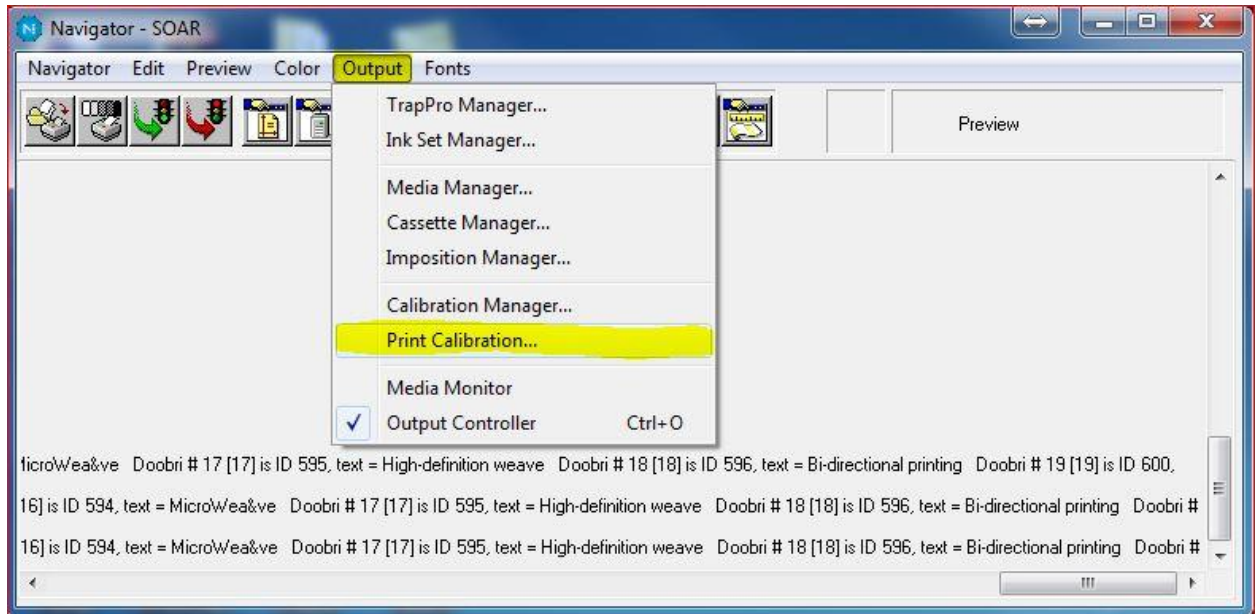
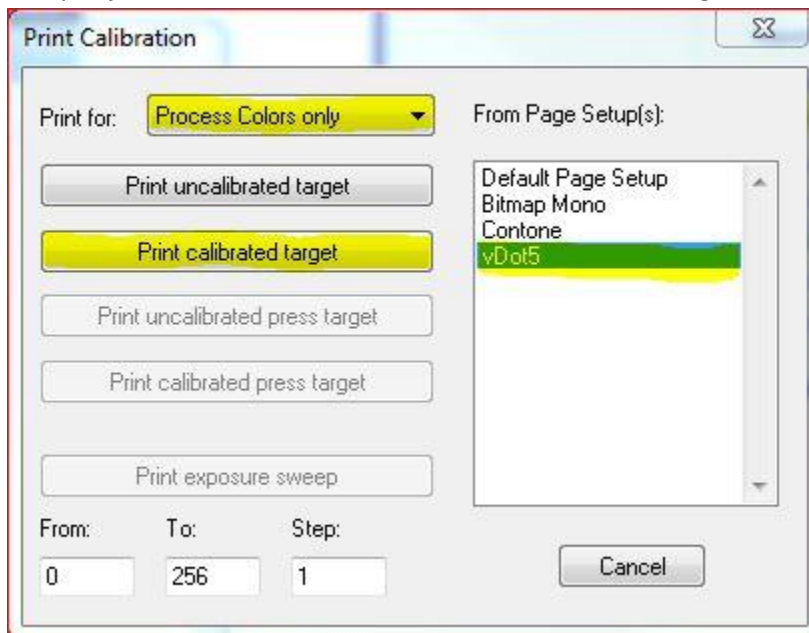7. Your Page Setup will now look similar to the following Screen shot.

You now have a correctly configured RIP. If you wish to calibrate your Epson so that it prints like the reference printer with which the color profiles in our RIP was created, carry on to step 8. If you are working with Xitron Support on a calibration/verification by mail and simply wanted to verify that your RIP was configured correctly, you can stop here and continue with the verification/calibration procedure detailed online.
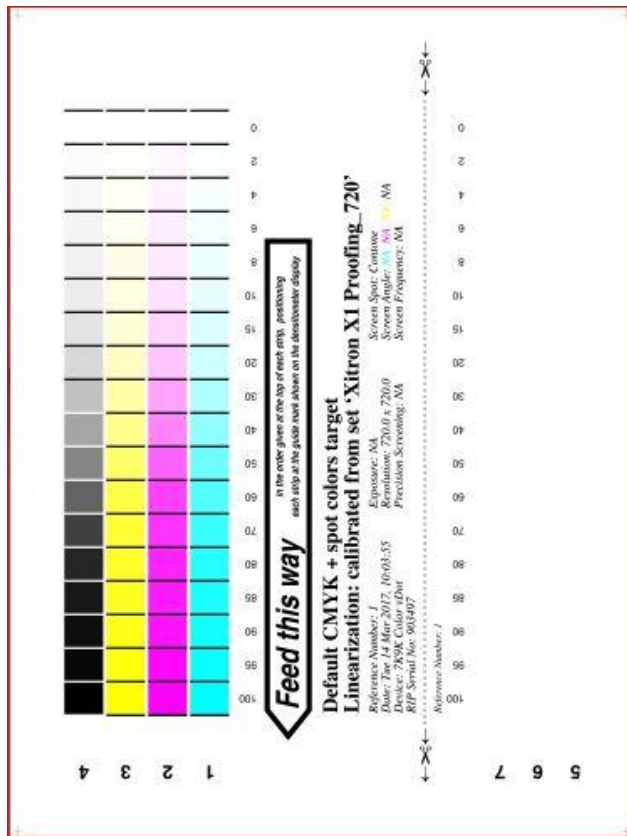
8. Now that you have the Page Setup created, you will now Print the Calibration. From the Output menu Select Print Calibration.

9. The Print calibration window will open. Select Process Colors Only, select the vDot 5 Page Setup that you just created, and then click on Print calibrated target.
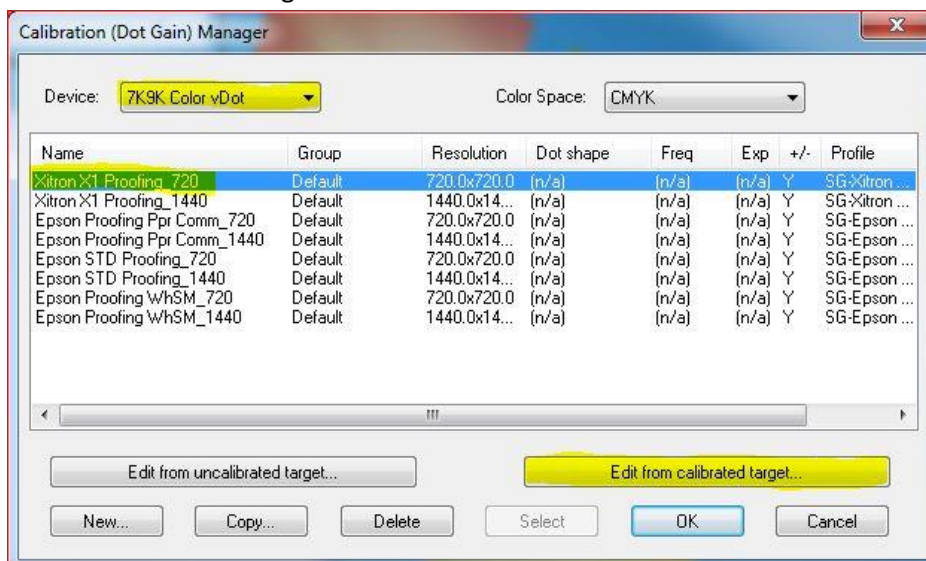
10. The Epson will output the following chart.

11. Once the Chart is finished printing on the Epson, use the Spectrophotometer to read the Status-T each swatch. Either use the GenLin utility or simply write down the results.

12. You will now edit the Calibration file you used in the Page Setup. Open the Page Setup and Select then Icon next to Calibration (Calibration & Dot Gain). Select the Calibration and click on Edit from calibrated target…

13. The Calibration will open. Make sure that it has the correct Profile, Resolution, and Name. Make
    sure 'Measurement as' is set to Status-T (X-Rite). Now either input the measurements from the
    chart for each color or (if you used the GenLin utility) click "Import" and choose your readings.
    When done click 'OK.'

14. This will take you back to the Page Setup window. Now Click 'OK' to save and close the Page
    Setup.